

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

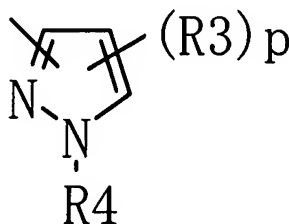
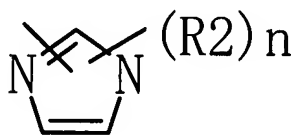
Claim 1 (original): A compound represented by formula (1):

1

(wherein,

R1 represents a hydrogen atom or a C₁₋₆ alkyl group which may be substituted,

A represents an imidazolyl group or a pyrazolyl group represented by the following formulae:



(wherein

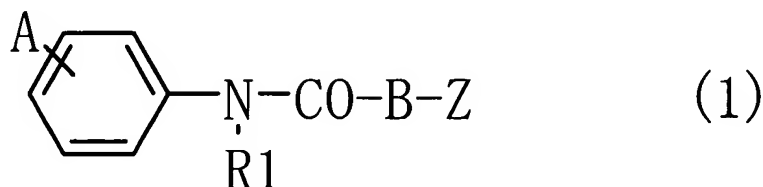
R2 and R3 represent a hydrogen atom or a C₁₋₆ alkyl group which may be substituted by G1,

R4 represents a hydrogen atom or a C₁₋₆ alkyl group which may be substituted by G1, a C₁₋₆ alkylcarbonyl group which may be substituted by G1, or a benzoyl group which may be substituted by G1,

n represents 0 or an integer of 1 to 3,

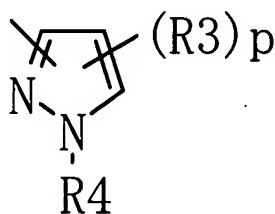
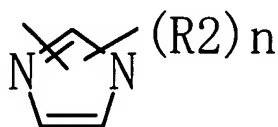
Claim 3 (currently amended): A compound or pharmaceutically acceptable salt according to claim 1-~~or~~2, wherein A is 1-imidazolyl or 1-H-pyrazole-5-yl which is substituted at the fourth position on the benzene ring.

Claim 4 (original): A production process of a compound represented by formula (1):
(wherein,



R1 represents a hydrogen atom or a C₁₋₆ alkyl group which may be substituted,

A represents an imidazolyl group or a pyrazolyl group represented by the following formulae:



(wherein

R2 and R3 represent a hydrogen atom or a C₁₋₆ alkyl group which may be substituted by G1,

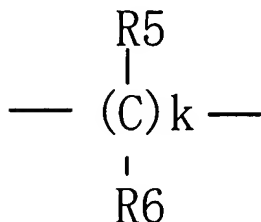
R4 represents a hydrogen atom or a C₁₋₆ alkyl group which may be substituted by G1, a C₁₋₆ alkylcarbonyl group which may be substituted by G1, or a benzoyl group which may be substituted by G1,

n represents 0 or an integer of 1 to 3,

p represents 0 or an integer of 1 or 2, and

R2 and R3 may be identical to each other, or different from each other, when n and p are 2 or more),

B represents a group represented by the following formula:



(wherein

R5 and R6 each independently represents a hydrogen atom, a cyano group, a hydroxyl group, a halogen atom, a C₁₋₆ alkyl group, a C₁₋₆ alkoxy group, a C₂₋₆ alkenyl group, a C₂₋₆ alkynyl group, a C₂₋₆ alkenyloxy group, a C₂₋₆ alkynloxy group, a C₁₋₆ acyloxy group, or a C₃₋₆ cycloalkyl group, or a phenyl group which may have a substituent,

k represents 0 or an integer of 1 to 15, and

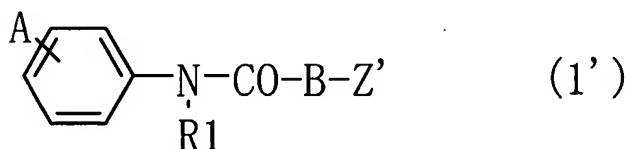
R5 and R6 may be identical to each other, or different from each other, when k is 2 or more),

Z represents a chroman-2-yl group which is substituted by G2, a 2,3-dihydrobenzofuran-2-yl group which is substituted by G2, a thiochroman-2-yl group which is substituted by G2, a 2,3-dihydrobenzothiophene-2-yl group which is substituted by G2, or a 1,3-benzoxathiol-2-yl group which is substituted by G2,

G1 represents a cyano group, a formyl group, a hydroxyl group, an amino group, a dimethylamino group, or a halogen atom, and

G2 is represented by the following formula: NHR (wherein R represents a hydrogen atom, a C₁₋₆ alkylcarbonyl group, or a benzoyl group which may have a substituent), comprising:

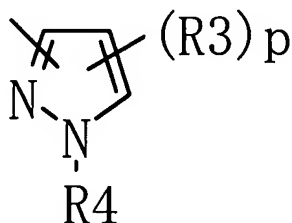
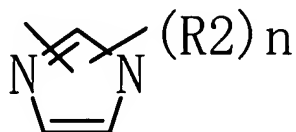
a step 1 in which a compound represented by the following formula (1')



(wherein

R1 represents a hydrogen atom or a C₁₋₆ alkyl group which may be substituted,

A represents an imidazolyl group or a pyrazolyl group represented by the following formulae:



(wherein

R2 and R3 represent a hydrogen atom or a C₁₋₆ alkyl group which may be substituted by G1,

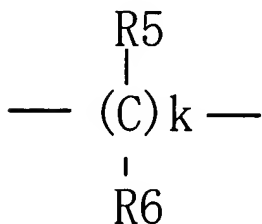
R4 represents a hydrogen atom or a C₁₋₆ alkyl group which may be substituted by G1, a C₁₋₆ alkylcarbonyl group which may be substituted by G1, or a benzoyl group which may be substituted by G1,

n represents 0 or an integer of 1 to 3,

p represents 0 or an integer of 1 or 2, and

R2 and R3 may be identical to each other, or different from each other, when n and p are 2 or more)),

B represents a group represented by the following formula:



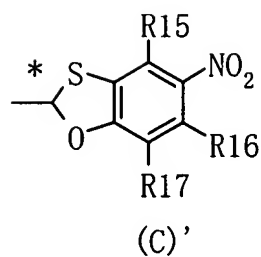
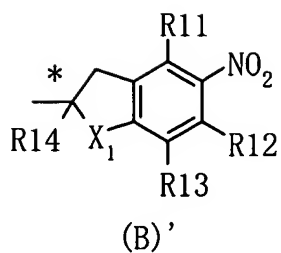
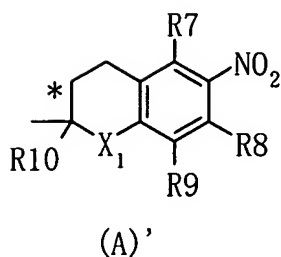
(wherein

R5 and R6 each independently represents a hydrogen atom, a cyano group, a hydroxyl group, a halogen atom, a C₁₋₆ alkyl group, a C₁₋₆ alkoxy group, a C₂₋₆ alkenyl group, a C₂₋₆ alkynyl group, a C₂₋₆ alkenyloxy group, a C₂₋₆ alkynloxy group, a C₁₋₆ acyloxy group, or a C₃₋₆ cycloalkyl group, or a phenyl group which may have a substituent,

k represents 0 or an integer of 1 to 15, and

R5 and R6 may be identical to each other, or different from each other, when k is 2 or more),
and

Z' is represented by the following formula (A)', (B)', or (C)':



(wherein

* represents an asymmetric carbon atom,

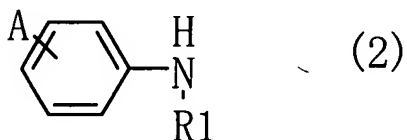
X1 represents an oxygen atom or a sulfur atom,

R7 to R17 each independently represents a hydrogen atom or a C₁₋₆ alkyl group, and

G2 is represented by the following formula: NHR

(wherein R represents a hydrogen atom, a C₁₋₆ alkylcarbonyl group, or a benzoyl group which may have a substituent))

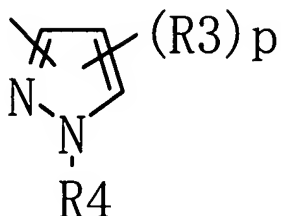
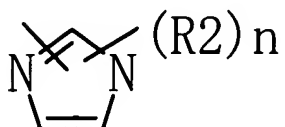
is produced by reacting an amine compound represented by formula (2):



(wherein

R1 represents a hydrogen atom or a C₁₋₆ alkyl group which may be substituted, and

A represents an imidazolyl group or a pyrazolyl group represented by the following formulae:



(wherein

R2 and R3 represent a hydrogen atom or a C₁₋₆ alkyl group which may be substituted by G1,

R4 represents a hydrogen atom or a C₁₋₆ alkyl group which may be substituted by G1, a C₁₋₆ alkylcarbonyl group which may be substituted by G1, or a benzoyl group which may be substituted by G1,

n represents 0 or an integer of 1 to 3,

p represents 0 or an integer of 1 or 2, and

R2 and R3 may be identical to each other, or different from each other, when n and p are 2 or more))

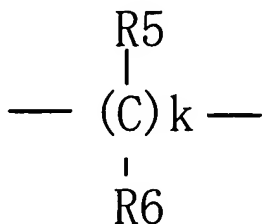
with a compound represented by the following formula (3):



(wherein

Y represents a hydroxyl group or a halogen atom,

B represents a group represented by the following formula:



(wherein

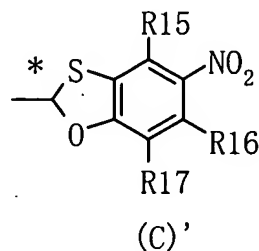
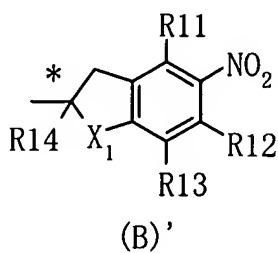
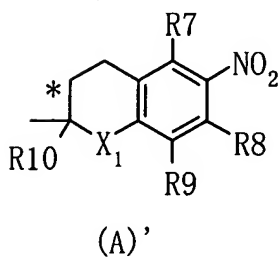
R5 and R6 each independently represents a hydrogen atom, a cyano group, a hydroxyl group, a halogen atom, a C₁₋₆ alkyl group, a C₁₋₆ alkoxy group, a C₂₋₆ alkenyl group, a C₂₋₆ alkynyl group, a C₂₋₆ alkenyloxy group, a C₂₋₆ alkynloxy group, a C₁₋₆ acyloxy group, or a C₃₋₆ cycloalkyl group, or a phenyl group which may have a substituent,

k represents 0 or an integer of 1 to 15, and

R5 and R6 may be identical to each other, or different from each other, when k is 2 or more)

and

Z' is represented by the following formula (A)', (B)', or (C)':



(wherein

* represents an asymmetric carbon atom,

X1 represents an oxygen atom or a sulfur atom,

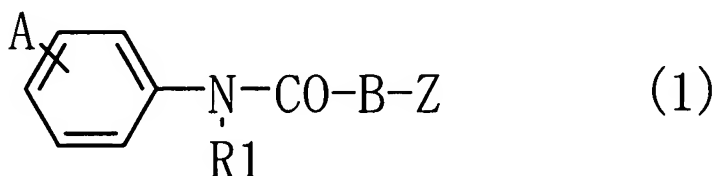
R7 to R17 each independently represents a hydrogen atom or a C₁₋₆ alkyl group, and

G2 is represented by the following formula: NHR

(wherein R represents a hydrogen atom, a C₁₋₆ alkylcarbonyl group, or a benzoyl group which may have a substituent)); and

a step 2 in which the nitro compound produced in the step 1 is converted to an amino group using a reducing agent.

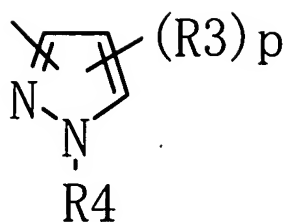
Claim 5 (original): An antioxidant comprising as its active ingredient at least one compound represented by formula (1):



(wherein

R1 represents a hydrogen atom or a C₁₋₆ alkyl group which may be substituted,

A represents an imidazolyl group or a pyrazolyl group represented by the following formulae:



(wherein

R2 and R3 represent a hydrogen atom or a C₁₋₆ alkyl group which may be substituted by G1,

R4 represents a hydrogen atom or a C₁₋₆ alkyl group which may be substituted by G1, a C₁₋₆ alkylcarbonyl group which may be substituted by G1, or a benzoyl group which may be substituted by G1,

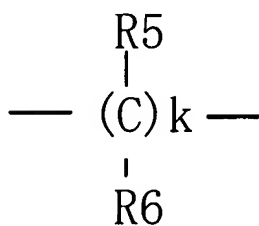
n represents 0 or an integer of 1 to 3,

p represents 0 or an integer of 1 or 2, and

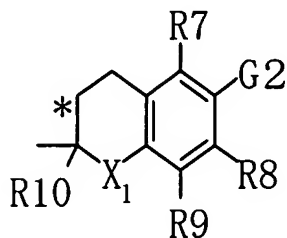
R2 and R3 may be identical to each other, or different from each other, when n and p are 2 or more)),

B represents a group represented by the following formula:

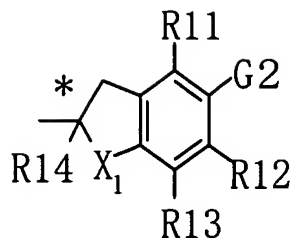
(wherein



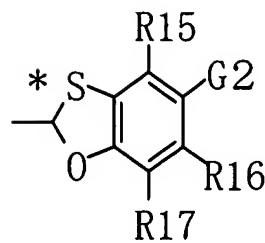
R5 and R6 each independently represents a hydrogen atom, a cyano group, a hydroxyl group, a halogen atom, a C₁₋₆ alkyl group, a C₁₋₆ alkoxy group, a C₂₋₆ alkenyl group, a C₂₋₆ alkynyl



(A)



(B)



(C)

(wherein

* represents an asymmetric carbon atom,

X1 represents an oxygen atom or a sulfur atom,

R7 to R17 each independently represents a hydrogen atom or a C₁₋₆ alkyl group, and

G2 is represented by the following formula: NHR

(wherein R represents a hydrogen atom, a C₁₋₆ alkylcarbonyl group, or a benzoyl group which may have a substituent)).

Claim 7 (original): A kidney disease, cerebrovascular or cardiovascular disease treatment agent characterized by comprising the antioxidant according to claim 6.

Claim 8 (original): A cerebral infarction treatment agent characterized by comprising the antioxidant according to claim 6.

Claim 9 (original): A retinal oxidation disorder inhibitor characterized by comprising the antioxidant according to claim 6.

